

of digital data characteristics;

(b) an optical system arranged for manipulating a laser beam according to said digital data characteristics by splitting said laser beam into a reference beam and at least one object beam;

(c) means for irradiating a profileable surface with said reference beam and at least one object beam to sequentially form each of said holograms as a holographic pixel, each of said holographic pixels having a distinct interference pattern, said interference pattern of each said holographic pixel having characteristics of a corresponding discrete portion of said image data.

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